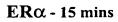


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FIG.1

Light field view

Dark field view







 $ER\beta$ - 15 mins



 $ER\alpha$ - 7 days

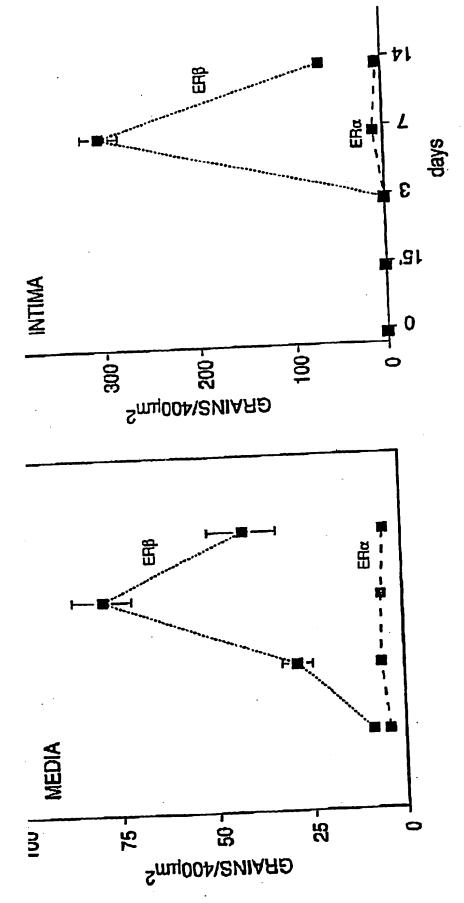


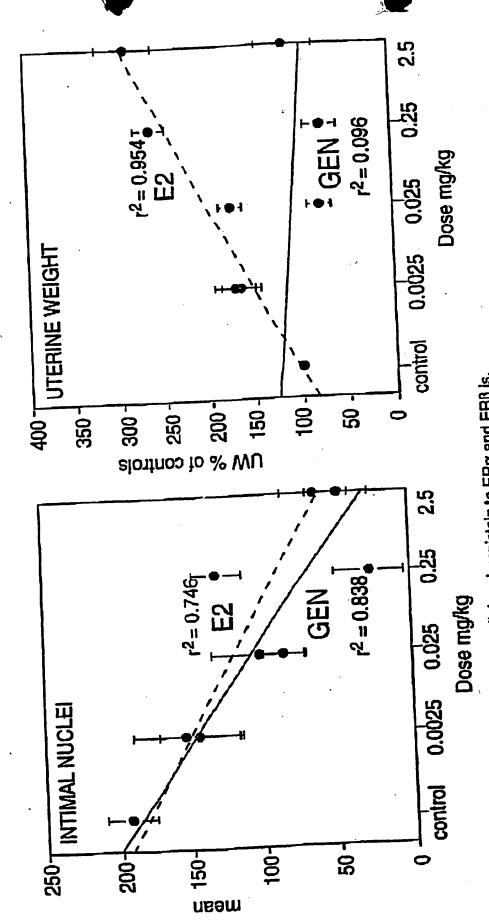
 $ER\beta$ - 7 days





free from the terms from free the



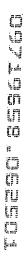


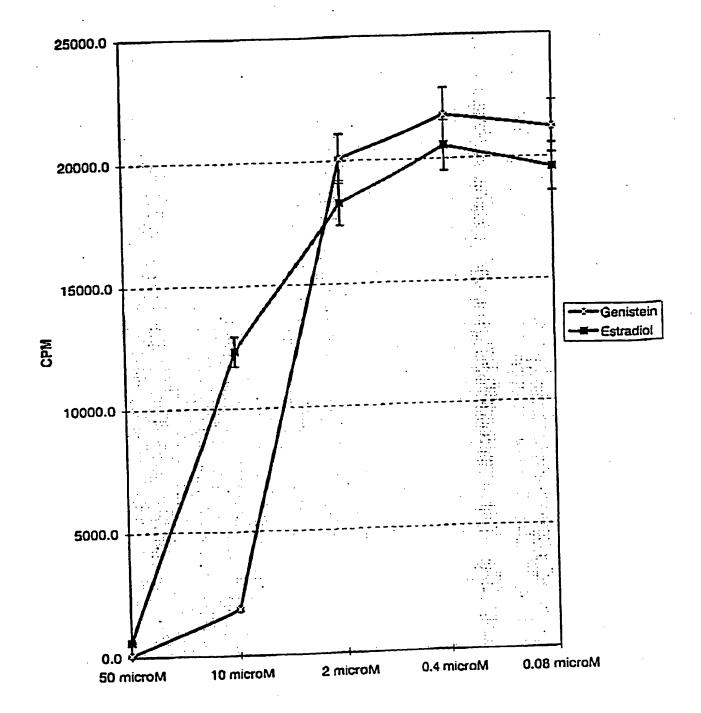
Binding affinity Ki (nM) of 17 α estradiol and genistein to ER α and ERß is, respectively, 0.13 and 0.12 for E2 and 2.6 and 0.3 for GEN.

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FIG. 3





		The second secon						
Pot human	IHC 10:10/ml	Synthetic pentide as	200ua of protein A pu-	06-629	Upstate	Enmark, E. L., et al., Proc.	Enmark, E. L., et al., Proc. Natl. Acad. Sci. USA 93: 5925-5930, 1996.	1996.
יומוומוו	III	54-71 of rat. mouse.	rified IgG in 200ul of		8			
	WB 1-2ug/ml	I. I	0.1 M Tris-glycine.			Byers, M., et al., Mol. Endo. 11: 172-182, 1997	. 11: 172-182, 1997	
Human bovi-	IHC 1:50-1:100	Purified, SDS-denatu-	200ug of protein A	05-394	Upstate	Evans, R. M., Science 240: 889-895, 1988.	. 889-895, 1988.	
ne rat.	<u>a</u>	red calf uterus	purified mouse IgG in		biotechnology			
mouse	WB 0.5-2ug/ml	ER-receptor	400ul of 10mM PBS			Green, S., et al., Nature 324: 615-617, 1986.	24: 615-617, 1986.	
himon	IHC 1-40-1-60	Procarvotic recombi-	Lyophilised tissue	NCL-ER-6F1	NovoCastr	Bevitt, D. J., Piggot, N., et	NCL-ER-6F1NovoCastr Bevitt, D. J., Piggot, N., et al., New monoklonal antibodies to oestrogen and	strogen and
90100	Flow		culture supernatant.			progestrone receptors effe	propestrone receptors effective for paraffin section IHC. Journal of Pathology	of Patholog
0000	WB 1:50-1:100		/1ml Aqua			183: 228-232, 1997.		
		length alpha form of				Clark, G. M., McGuire, W.	Clark, G. M., McGuire, W. L., The clinical usefulness of oestrogen-receptor	en-receptor
		the ER-resentor mo-				and other markers of horn	and other markers of hormone dependence. Proceedings of the Royal	Royal
		lecule.				Society of Edinburgh. 958: 145-150, 1989.	145-150, 1989.	
						Henry, J. A., Angus, B., H.	Henry, J. A., Angus, B., Home, C. H. W., Oestrogen receptor and oestrogen	ind oestroge
						regulated proteins in huma	regulated proteins in human breast cancer: a review. KEIO Journal of	mal of
						Medicine. 38: 241-261, 1989.	89.	
						Shintaku, P., Said, J. W.,	Shintaku, P., Said, J. W., Detection of oestrogen receptors with monoklona	monoklona
						antibodies in routinely pro	antibodies in routinely processed formalin-fixed paraffin sections of breast	s of breast
						carcinoma. American Jour	carcinoma. American Journal of Clinical Pathology. 87: 161-167, 1987.	7, 1987.
himan	IHC 1:50-1:75	N-term domain of the	Recombinant human	M 7047	DAKO	Kumar, V., et al., Function	Kumar, V., et al., Functional domains of the human oestrogen receptor.	eceptor.
	W.		ER-reseptor protein			Cell 51: 941-51, 1987.		
			(tissue culture super-			Sannino, P., Shousha, S.,	Sannino, P., Shousha, S., Demonstration of oestrogen receptors in paraffir	rs in paraffin
			natant /1ml RPMI 1640	6		wax sections of breast car	wax sections of breast carcinoma using the monoklonal antibody 1D5 and	fy 1D5 and
						microwave oven processi	microwave oven processing. J. Clin. Pathol. 47: 90-2, 1994.	
Rat	(HC 5-10ua/m)	rat peptide	50uq/50ul PBS	PA1-310	ABR	Li, X., Schwartz, P. E., Ri	Li X., Schwartz, P. E., Rissman, E. F., Distribution of oestrogen receptor-	n receptor-
mouse	WB 1ug/ml	COOH-terminal				beta-like immunoreactivity	beta-like immunoreactivity in rat forebrain. Neuroendocrinology 66: 63-67	66: 63-67,
		aa. 467-485	Control peptide	PEP-007		1997		
100	1HC 1:2) in/m[rat pentide	Sourc/Soul PBS	PA1-311	ABR	Alves S. E. et al., Differe	Alves. S. E. et al. Differential colocalization of oestrogen receptor beta	otor beta
90100	WR 1-2ug/ml	NH2-terminal	9			with oxytocin and vasopre	with oxytocin and vasopressin in the paraventricular and supraoptic nuclei of	optic nuclei o
Deno		aa. 55-70	Control peptide	PEP-011		the female rat brain: An in	the female rat brain. An immunocytochemical study. Proc. Natl. Acad. Sci	Acad. Sci.
						USA 95(6): 3281-3286, 1998.	.866	
	1-10-12	de d	20 I 001/0 03	MA1.310	ARD	Traich A of al Develop	Traish & et al. Development and characteristics of monoking	9
Human	TE/FIS CI	DNA binding dom	Contraction of the contract			antihodies to a specific de	ontibodies to a specific domain of himan postmoon recentor. Stemids 55:	ternide 55
Aai	100 C 10	247.264	Control pentide	DED 043		196.208 1990		

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